SIEMENS

Data sheet

3VA1032-2ED32-0AA0



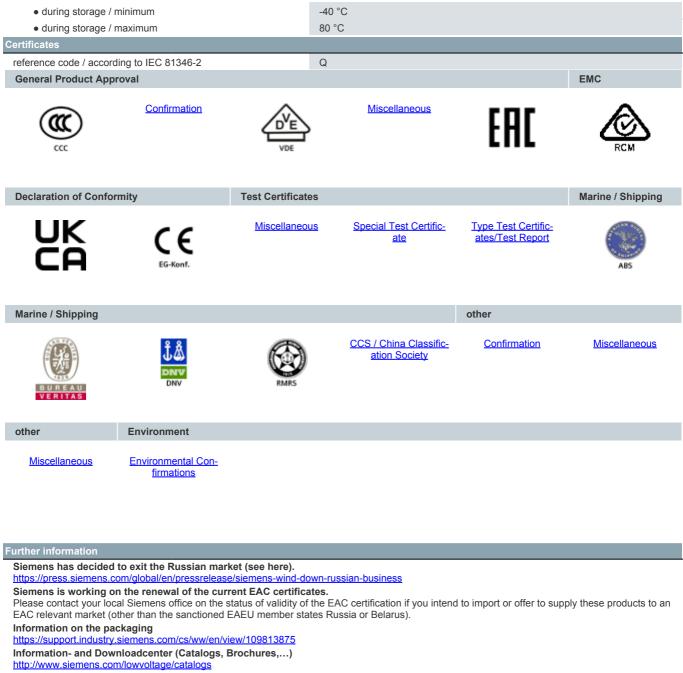
circuit breaker 3VA1 IEC frame 100 breaking capacity class B Icu=16kA @ 415V 3-pole, line protection TM210, FTFM, In=32A overload protection Ir=32A fixed short-circuit protection Ii=10 x In nut keeper kit

Model		
product brand name	SENTRON	
product designation	Molded case circuit breaker	
design of the product	Line protection	
design of the overcurrent release	TM210	
protection function of the overcurrent release	LI	
number of poles	3	
General technical data		
insulation voltage / rated value	800 V	
operating voltage / at DC / rated value	500 V	
operating voltage / at AC / rated value	690 V	
power loss [W] / maximum	10.6 W	
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	3.53 W	
mechanical service life (operating cycles) / typical	20 000	
electrical endurance (operating cycles) / at AC-1 / at 380/415 V	9 000	
electrical endurance (operating cycles) / at AC-1 / at 690 V	6 300	
product feature / for neutral conductors / upgradable/retrofittable / short-circuit and overload proof	No	
ground-fault monitoring version	Without	
product function		
 communication function 	No	
other measurement function	No	
Net Weight	955 g	
Current		
operational current		
• at 40 °C	32 A	
● at 45 °C	32 A	
• at 50 °C	32 A	
• at 55 °C	31 A	
• at 60 °C	31 A	
• at 65 °C	30 A	
• at 70 °C	30 A	
Switching capacity according to IEC 60947		
switching capacity class of the circuit breaker	В	
maximum short-circuit current breaking capacity (Icu)		
• at 240 V	25 kA	
• at 415 V	16 kA	
• at 440 V	8 kA	
• at 500 V	5 kA	
• at 690 V	5 kA	

operating short-circuit current breaking capacity (Ics)				
• at 240 V	25 kA			
• at 415 V	16 kA			
• at 440 V	8 kA			
• at 500 V	5 kA			
• at 690 V	5 kA			
short-circuit current making capacity (Icm)				
• at 240 V	52.5 kA			
• at 415 V	32 kA			
• at 440 V	13.6 kA			
• at 500 V	7.5 kA			
• at 690 V	7.5 kA			
design of short-circuit protection	For switching power values in DC networks, see the 3VA molded case circuit			

breaker device manual; link to be found under Service & Support in the last chapter

product testure / for L-tipping / can be switched oxioff No ediustable response value setting current (h) / of the L-tip / with 22 characteristic 32 A imaximum 32 A adjustable response value delay time (tr) / for L-tripping / with 12t characteristic 1 emaximum 1 emaximum 32 A adjustable response value setting current (li) / for L-tripping / with 12t characteristic 1 emaximum 320 A adjustable response value setting current (li) / for I-tripping 1 emaximum 320 A adjustable setting current (linN) / for N-tripping 0 emaximum 0 A emaximum 0 A product function / grounding protection No extension No evoltage fligger No evoltage fligger No etight (lin) 5.12 in height (lin) 2.26 in depth (lin) 2.76 in depth (lin) 7.0 mm depth (lin) 7.0 mm depth (lin) 1.18 expert kit on both ends type of electrical conn	Adjustable parameters			
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• during operation / minimum -25 °C	protection class IP / on the front	IP40		
	ambient temperature			
	during operation / minimum	-25 °C		
		70 °C		



Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3VA1032-2ED32-0AA0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3VA1032-2ED32-0AA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

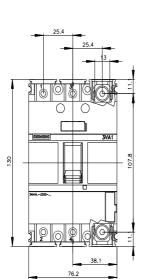
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA1032-2ED32-0AA0

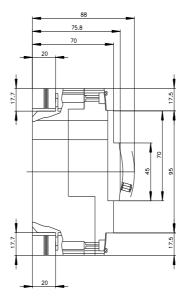
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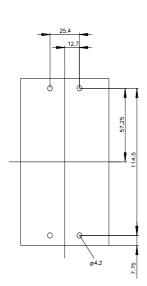
http://www.siemens.com/cax

Tender specifications

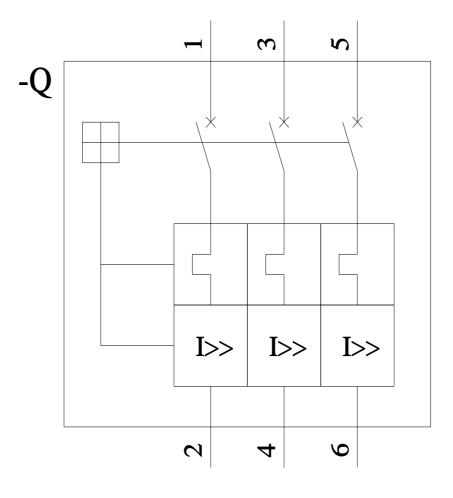
http://www.siemens.com/specifications







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